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PTO/SB/21 (04-04)

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

58

Application Number

10/820,993

Filing Date

April 9, 2004

First Named Inventor

Steven M. Kelly

Art Unit

1756

Examiner Name

Attorney Docket Number

ZLX-HUL-003

### ENCLOSURES (Check all that apply)

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form                                | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> After Allowance communication to Technology Center (TC)        |
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| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter  |
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| <input type="checkbox"/> Certified Copy of Priority Document(s)              | <b>Remarks</b>  |   |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application    |   |   |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Ronald D. Trice		
Signature	<i>Ronald D. Trice</i>		
Date	6/3/05		

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Ronald D. Trice		
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT APPLICATION  
ATTORNEY DOCKET NO. ZLX-HUL-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kelly et al.

Appln. No.: 10/820,993

Group Art Unit: 1756

Confirmation No.: 9042

Examiner: Not Yet Assigned

Filed: April 9, 2004

For: **CROSSLINKABLE MATERIALS FOR ORGANIC LIGHT EMITTING DEVICES  
AND METHODS**

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INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant(s) hereby notify the U.S. Patent and Trademark Office of the document(s) which is/are listed on the attached Form PTO-1449. One copy of the listed documents is submitted herewith.

- X   (1) This IDS does NOT require a fee or 37 C.F.R. § 1.97(e) statement because it is being filed (check all that apply):
- (a) Within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); **OR**
- (b) Within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; **OR**
- X   (c) Before the mailing of a first Office action on the merits; **OR**
- (d) Before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.

**Information Disclosure Statement**  
U.S. Application No. 10/820,993  
Attorney Docket No. ZLX-HUL-003

\_\_\_\_ (2) This information disclosure statement is filed before the mailing date of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, and (check only one):

\_\_\_\_ (a) Is accompanied by the fee set forth in § 1.17(p); **OR**

\_\_\_\_ (b) Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; **OR**

\_\_\_\_ (c) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

\_\_\_\_ (3) This Information disclosure statement is filed on or before payment of the issue fee and is accompanied by the fee set forth in § 1.17(p); **AND** (check only one):

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The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant(s) does/do

**Information Disclosure Statement**

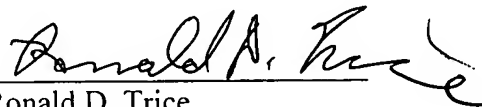
U.S. Application No. 10/820,993

Attorney Docket No. **ZLX-HUL-003**

not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Please charge any necessary fee or credit any overpayment in connection with this Information Disclosure Statement to Deposit Account No.: 50-2644 (please reference **ZLX-HUL-003**).

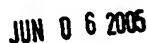
Respectfully submitted,



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Date: June 3, 2005



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Substitute for form 1449/PTO

*(Use as many sheets as necessary)*

Sheet	1	of	2
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**Complete if Known**

Application Number	10/820,993
Filing Date	April 9, 2004
First Named Inventor	Kelly
Art Unit	1756
Examiner Name	
Attorney Docket Number	ZLX-HUL-003

[illegible][illegible]

**Examiner  
Signature**

Date  
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/820,993
Filing Date	4-9-04
First Named Inventor	Kelly
Art Unit	
Examiner Name	1756
Attorney Docket Number	ZLX-HUL-003

Sheet 2 of 2

**OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Contoret et al., "The Photopolymerization and Cross-Linking of Electroluminescent Liquid Crystals Containing Methacrylate and Diene Photopolymerizable End Groups for Multilayer Organic Light Emitting Diodes", Chem. Mater. 2002, 14, 1477-1487.	
		Contoret et al., "Polarized Electroluminescence from an Anisotropic Nematic Network on a Non-contact Photoalignment Layer," Advanced Materials, 2000, 12, No. 13, pages 971-974.	
		Inaoka et al., "Patterning and Electrochemical Deposition of Conjugated and Conducting Polymers in Organic Light Emitting Diodes," Polymer Preprints, 2000, 41(1), XXXX.	
		Cui et al., "Interfacial Microstructure Function in Organic Light-Emitting Diodes: Assembled Tetraaryldiamine and Copper Phthalocyanine Inter layers", Advanced Materials, 2002, 14(8), 565-569.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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